

Roller Skate Dance Crown Goal Of Gifted Y-12er's Son



Jack Greer, Partner Rated High In South

A veritable "family on wheels" is that of E. F. Greer, captain in the Y-12 Fire Prevention and Control Department. Captain Greer, a veteran of roller skating himself, now is watching with pride the development of his son, Jack, 14 going on 15, who rapidly is developing into one of the finest roller skate dancers in the South.

With his pretty partner, Sandra Watkins, 14, of Knoxville, young Greer is making great strides in the intricate and difficult sport of roller skate dancing and already the young pair has outstripped many Knoxville roller skate fans who have been participating in the complex competition. They already have passed, with flying colors, three of the prescribed tests leading to higher honors and are half way to their goal of a gold medal issued to the top notch dancing skaters, or skater dancers, in the field.

The complex course in roller skate dancing and a textbook is prepared and sponsored by the Roller Skating Operators Association of America. The association also backs other types of competition on wheels with the objective of promoting the interesting sport and providing clean entertainment and exercise for youngsters and adults.

Outstrip 200 Other Students

Although some 200 skaters have participated in the tests held at the Chilhowee Skating Rink in Knoxville under professional instruction, none have achieved the proficiency or attained the marks given in the tests as have Jack Greer and Sandra Watkins.

Miss Watkins is the daughter of an official of the Rust Engineering Co., now doing work in the Y-12 Plant Area and is a pupil in the 11th grade of East High School in Knoxville. Jack Greer is a pupil in Fulton High School, Knoxville, and also is in the 11th grade.

The young pair has been studying the roller skate dancing for only about one year, although both have been active on the wheels since they were children just able to buckle on a skate. In their first proficiency test in roller skate dancing they easily won the bronze bar—the first award of the six given in a completely prescribed course. Then came the bronze medal award and afterward the

Continued on Page 4

Carbide Wives Will Hold Party, Meeting Tonight

The monthly card party and meeting of the Carbide Wives will be held at 7:30 o'clock tonight, Wednesday, September 15, in the East Lounge of the Ridge Recreation Hall. Canasta, bingo and bridge will be played and the theme of the session will be "School Days."

Mrs. R. E. Webb, wife of a Y-12er, is the executive board member in charge of the party tonight. She will be assisted by Mesdames R. P. Wallace, also wife of a Y-12er; W. H. Platt, R. W. Ulm, W. A. Gray and S. W. Troutman as hostesses.

IRE Will Be Hosts To AIE Group Tonight

The Oak Ridge Chapter of the Professional Group on Nuclear Science of the Institute of Radio Engineers will be host to the American Institute of Electrical Engineers of Oak Ridge at the group's first meeting of the season tonight, Wednesday, September 15. The meeting is set for 7:30 p.m. in the West Lounge of the Ridge Recreation Hall. All Y-12ers who are members of either organization are cordially invited to attend.

Dana M. Collier, of the Development Group of the Instrumentation and Control Division of the Oak Ridge National Laboratory, will speak at the meeting. His topic will be "Semi-Conductors and Transistors." He will discuss the theory of the equipment, its limitations and solutions and also application of them.

Collier obtained his bachelor's degree in physics from Williams College and his bachelor's and master's degree in electrical engineering from Massachusetts Institute of Technology. He now is working on his doctor of philosophy degree at the University of Tennessee in Knoxville.

BYRD TO SEEK URANIUM

Admiral Richard E. Byrd, polar explorer, has indicated that on his next trip to the Antarctic he will search for uranium deposits, according to the Washington Star.

More Promotions Of Y-12ers Announced

Three Are Advanced To Supervisory Posts

Through an inadvertent error, the names of three Y-12 employees who recently were promoted to Supervisory positions were not included in the announcements published regularly in The Bulletin. Sketches on these three Y-12ers are hereby published, with the order in which they appear not in any way relating to their rank or longevity with the Company.

Martin Wesley Jones, of the Alpha Five Maintenance Department of the Maintenance Division, was promoted from the rank of Electrician in the department to Foreman. The promotion was effective on September 1 of this year. He became employed by Y-12 on June 12, 1950.

William L. Coggins, a "10-Year Man" in the Y-12 organization, having been employed on March 10, 1944, was advanced from the job of Material Planner to that of Salvage and Reclamation Foreman. He is in the Salvage Department, also in the Maintenance Division. This promotion became effective on August 1 of this year.

The third promotion announcement unpublished in The Bulletin was that of John B. Geasland. He was advanced from the rank of Chief Stores Requisitioner to the position of Stores Supervisor, the promotion also effective on August 1, 1954. Geasland is another veteran employee in the Y-12 organization, having come to work back on August 23, 1944.

STOCKPILE SAID PLENTY

Rep. J. Sterling Cole, of the Congressional Joint Committee on Atomic Energy, said in a recent interview in the New York Times that the nation already has enough fissionable material to earmark for power development. He added that contemplated power production experiments would not at any time place the country's atomic stockpile in jeopardy.

ENTREES ANNOUNCED FOR SPECIAL LUNCHES AT Y-12 CAFETERIA

Ham croquettes with cheese sauce will be the main dish on the Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, September 16. On next Tuesday, September 21, the entree will be grilled bologna cups with potato salad. The 50-cent Special Lunches also include a vegetable, choice of salad or dessert and rolls and butter.



SHOWN ABOVE IS THE ATOMIC Commission's Award of Honor, recently awarded the Y-12 Plant for its record-breaking period of hours operated without a lost time accident last year.

AEC Award Of Honor Is Presented Y-12

Record Safety Period Earns Newest Citation

Another prized safety award has been presented to the Y-12 Plant and its safety-minded employees. This one is the Award of Honor from the Atomic Energy Commission, the highest citation given by the AEC to its contractors for achieving exceptional accident prevention records.

Record Set Last Year

The latest award to Y-12ers was based on that record-breaking period of 3,126,787 hours of plant operations in Y-12 without a disabling injury. The mark was set from July 30, 1953 to November 20.

This record topped all previous marks for plants of Carbide and Carbon Chemicals Company and still stands.

Sapirie Congratulates Y-12ers

S. R. Sapirie, Manager, Oak Ridge Operations of the AEC, in a letter to Carbide Vice President Clark E. Center, warmly congratulated the Company and Y-12 employees for setting the fine record.

The AEC Award of Honor bronze plaque is similar in appearance and size to a previous Commission award presented Y-12 back in 1949 for showing the greatest improvement in reducing lost time accidents in comparison with the preceding year among AEC contractors.

Underwood And Benninghoff To Attend Safety Congress

Plant Protection Superintendent Gentry Underwood and Relief Shift Superintendent H. N. Benninghoff will represent the Y-12 Plant at the 42nd annual National Safety Congress and Exposition at Chicago during the week of October 18-22. All aspects of accident and fire prevention will be discussed at 200 sessions scheduled for the Congress, which is expected to be attended by more than 12,000 persons.

An especial meeting of Union Carbide and Carbon Corporation delegates will be held during the Congress with talks by W. H. Winans, Vice President, Industrial Relations, UCC; and J. J. Duggan, Superintendent of Fire Protection, Carbide and Carbon Chemicals Company, South Charleston, W. Va.

CHEAP SHARES SCORED

In a special feature story in the New York Journal-American by Leslie Gould, he cites a warning by Armand G. Erpf, of Carl M. Loeb, Rhoades and Son, Stock Exchange Firm, against investing in cheap uranium shares.

Mechanical Engineers Set Smoker Thursday

The season's activities for the Oak Ridge Section of the American Society of Mechanical Engineers will be opened with its annual smoker at 8 o'clock tomorrow night, Thursday, September 16. The affair will be held in the Starlight Room of the Oak Terrace and all Y-12 members of the organization and guests are invited.

An interesting moving picture, "The Story of the Liner United States," will be shown. It covers all phases of construction of the nation's newest and biggest luxury liner. Refreshments also will be served at the smoker.

Further information on the meeting and program may be obtained from F. C. Zapp, home telephone 5-8611, Oak Ridge, Y-12 plant telephone 7577; or M. I. Lundin, plant telephone 7-8355, home telephone 5-8611, Oak Ridge.

Y-12 Girls Club Will Hold Post-Game Hop September 24

The Y-12 Girls Club will hold a dance on Friday night, September 24, at the new Eagles Club hall in West Village. The dance will be from 9 p.m. to 1 a.m. and will follow an Oak Ridge High School football game. All proceeds from the dance will be turned over to the Emergency March of Dimes campaign.

Noted Spectroscopist Slated To Address Seminar Meeting

A world-famous mass spectroscopist and the first man to determine that the Uranium 235 isotope was the fissioning agent in the atom of the element, will speak at the weekly meeting of the Oak Ridge Physics Seminar on Friday afternoon of this week. He is Dr. A. O. C. Nier, chairman of the Department of Physics of the University of Minnesota.

The meeting will be held at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. Dr. Nier's subject will be "High Precision Determination of Atomic Masses."

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
44 Days Or
1,408,818 Hours
(Unofficial Estimate)
Without A Lost Time Accident
Through September 12

The Bulletin

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Telephone 7753

Ridge Nursery School To Open September 20

Many Y-12 parents of children in the 2½ to five years old group, including some newcomers to the plant, will have youngsters enrolled in the Oak Ridge Nursery School, located at Grove Center next to the Oak Terrace. Registration opened last week and will continue daily from 7:30 p.m., to 9:30 p.m. at the school until the school opens on September 20.

The school is operated by the Oak Ridge Nursery School Association, a non-profit educational organization under the laws of the state of Tennessee. It is financially self-supporting and governed by a seven-member board of directors composed of parents of pupils of the school. The board holds monthly meetings and its annual election meeting in March of each year.

The school offers the younger children many opportunities for growth and personal development. Through a combination of freedom in play and supervised activities with a group of children of similar ages the youngsters learn valuable lessons about themselves and others, including social considerations. The school is equipped with complete and safe outdoor and indoor play-yard equipment. Friendly and understanding teachers help each child in the school.

Parents desiring further information regarding the school may obtain it by telephoning the director at Oak Ridge 5-3036.



Four Y-12ers were listed among parents of babies born recently at the Oak Ridge Hospital. Congratulations to—

R. D. Williams, Beta Four, girl, September 3.

E. A. Marler, Field Welding, girl, September 6.

R. M. Kristich, A Mechanical Operations, girl, September 7.

Kenneth Rowan, Chemical and Industrial Engineering, boy, September 8.

NACA Will Hear Dr. Ward, Visit Fulton Sylphon Plant

Interested Y-12ers are invited to attend the meeting of the Oak Ridge-Knoxville Chapter of the National Association of Cost Accountants next Tuesday night, September 21, to hear a talk by Dr. Frank B. Ward, dean of the college of business administration of the University of Tennessee. The affair will be a dinner meeting at Regas restaurant in Knoxville, beginning at 6:30 o'clock.

NACA chapter members also will make a tour of the Fulton Sylphon plant in Knoxville at 7 p.m. Thursday, September 30, the tour to be followed by a discussion of cost accounting methods used by that company.



After last week's session, class will again take up this week after the Labor Day holiday (so long ago) and for those who are tardy—oh well, nobody ain't mad at nobody.

ALLOY

S. O. Bell is catching up on fishing this week . . . C. Spradlin vacationed up Canada way . . . F. V. Tilson likewise in Concord. . . R. D. Williams is a proud pop for the second time—a daughter was born on September 3 . . . A crystal shower was given recently for Jodell Oakes, bride-elect of Hugh Boyd, by Mrs. David Jennings and Betty Jo Griffith was co-hostess—the wedding was on September 11 . . . Lieut. Max Cobble, a former Y-12er, is congratulated by pals left behind on his recent marriage . . . How about those bar' hunters Grubb, Henry, Bledsoe and McCollough? Report, please, gentlemen.

CHEMICAL

The Chemical Department reports W. F. Smith was a vacationer in Texas and H. R. Southern in Virginia . . . Viola Anderson is similarly engaged in Alcoa . . . Get-well wishes are dispatched Glen Young, who has been ill for several days in the Oak Ridge Hospital.

INDUSTRIAL RELATIONS

Virginia Slusher, of Medical, and her husband, Bob Slusher, Chemical and Industrial Engineering, are visiting kinfolks in Virginia.

Guard Department vacationers are numerous — including R. D. Morgan, H. R. Hill, P. Surber, J. T. Byrum, O. D. Cloyd, A. J. Jeffers, D. S. Davidson, C. B. Hillard, G. Hoskins, J. C. Mitchell and D. H. Patterson.

Jean McPhetridge is welcomed as a newcomer to the Security Department.

Evelyn Allen's Air Force husband is on furlough this week and they are spending this week in Middle Tennessee visiting relatives and friends.

Wage Standards' Carl Cooper, Sr., is skedaddling around Nashville and environs this week saying howdy to relatives and friends of days gone by . . . Betty Jones is a welcomed newcomer of the week.

MAINTENANCE

Jean Guinn, of Planning and Estimating, had the best wishes of friends on her termination to attend Eastern State College at Johnson City . . . Gertrude Fox and R. M. Kemper are on the vacation list . . . Helen Sisson was in Middlesboro, Ky., for the Labor Day long week-end holiday . . . Rapid recovery wishes are sent to Jessie Guinn.

Salvage sends get-well wishes to the daughter of K. E. McCulley—she's ill in the Oak Ridge Hospital.

Research Services has only sad news for its part this week . . . Receiving condolences were D. G. Leach, whose mother, Mrs. Mary J. Graham, died recently in Knoxville; and C. L. Estes, whose brother-in-law died in London, Ky.

W. R. Murphy, Electrical Maintenance is vacationing in Kentucky . . . Vanished without a trace on vacations somewhere or other are T. E. Rogers, O. C. Collins, H. H. Buckner and C. W. Kidd—but pals are betting they'll all be back.

MECHANICAL OPERATIONS

R. L. Hill, General Machine Shop, was frolicking at Folly Beach, S. C., last week . . . H. L. Gary was in Birmingham . . . J. H. Byrd in Asheville, N. C. . . R. M. Chapman at Paintsville, Ky. . . D. T. Pitt in Memphis visiting around . . . Michael Shemanski attended the Southern States Apprenticeship Conference in Atlanta

last week . . . Get-well wishes are sent sick folks J. F. McDonald and Lloyd Baker . . . F. B. Shipley was welcomed back after spending two years in the service of Uncle Sam. . . New employees W. S. Helms, D. B. Shuttles, F. B. Swanson, L. E. Cantrell and W. B. Biddix got the red carpet treatment last week.

MANUFACTURING OFFICE

Oral Hartman, Manufacturing Office Department, is a vacationer this week—as is Cecil Smith . . . E. C. Ellis is spending his vacationing time house painting (his own).

Bill Moles, of the Time Office, is getting around places in Florida and also in Texas for a couple of weeks.

Stores says C. H. Dixon is vacationing over at Crossville . . . Bart Slover is doing likewise fishing around Lake City.

T. A. Narcosse, of Property, and his wife, Laura, a K-25ite, visited folks in St. Louis last week.

R. H. Evans, Receiving and Shipping, is moving into his new Fountain City home while vacationing this week.

Heard in an employment office—who knows—it might have happened here.

Interviewer — "What previous experience have you had and what work have you done?"

Lady Applicant — "I was a secretary. All I had to do was look like a girl, think like a man, act like a lady and work like a dog."

SUPERINTENDENTS

Hazel Lane, of the Superintendents' Division, and her husband, Don, of Field Maintenance, were back safe and sound last week after a week's vacation spent at Cumberland Falls, Ky., and Cincinnati.

TECHNICAL

Project Engineering sends get-well wishes to Doris Thomas, who is out ill . . . H. S. Steingerwald and R. A. Williamson are vacationing.

E. L. Early is vacationing from Project Construction.

Jack Forseman, Chemical and Industrial Engineering, vacationed in Indiana . . . Pat Howard is back on the job from his vacation at home . . . John Hill is spending his rest at home . . . Pete Blackman is back from vacation and sick leave . . . Joe Miller had a holiday week-end guest Arnold Shappley, a former Y-12er.

Civil and Architectural Engineering had Marjorie Rice vacationing in Florida last week . . . W. H. Rice also was at large somewhere . . . Barbara Thomas selected Arkansas for vacation this week.

J. F. Warner, Mechanical Engineering, is in Cincinnati vacationing . . . W. C. George spent his in West Tennessee and T. H. Keane stayed at home in Knoxville.

Helen Ivens and Pauline Applin, Health Physics, both are ailing and are sent get-well-quick wishes . . . Wade Roberts, Julian Crowell, Clay Smith, Art Stewart and J. D. Hall are the vacationers—back and going.

Marion County, Tenn., kinfolks and friends are welcoming the vacationer Tom Mackey, of ADP Development . . . E. G. Laggis vacationed in Michigan . . . H. P. Krag had the best wishes of departmental folks on his departure for Evanston, Ill., where he will reenter Northwestern University.

The Bartons, Tom and Julia Ann, both of Production Analysis, are spending this week cleaning off their lot that is to be site of the future Barton homestead . . . Maggie Bloomer spent the Labor Day holiday up in Virginia.

C. M. Knowles, of Special Test-



MEMBERS OF THE CARBIDE CAMERA CLUB THOROUGHLY ENJOYED their annual outing and picnic August 29 as shown in the above picture. At left on the near side of the table are Mrs. Bill Shepherd, he's from K-25, and her little son. Then comes Elaine Palko, daughter of A. A. Palko, a Carbide employee in the Y-12 Plant Area and president of the club who took the picture. Around the right hand corner of the table is the family of Herman Dickerson, another Carbide employee in the Y-12 Plant Area. On the far side of the table in the rear are Shepherd, Janet Cisar, former president of the club; Mrs. Tom Smedley, a visitor; and Virginia Coleman, former Y-12er and vice president of the club. The outing was held at Cumberland State Park near Crossville.



The following Y-12 employees were patients at the Oak Ridge Hospital last week:

James W. Miller, A Mechanical Operations; Jim W. Raines and S. W. Bryant, Buildings and Grounds; Hacker Woodby and C. H. Close, Alloy Development Maintenance; W. E. Lamb, General Machine Shop; N. L. Derryberry and T. W. Noe, Field Maintenance; H. D. Baker, Processing and Utilities Operating; Joe F. Carpenter, Safety; Glen A. Young, Product Processing.

ing, is vacationing in Portland, Tenn. . . F. Miracle and Juanita Easley also are vacationing but didn't leave forwarding addresses.

Thought for the week—"Even a mosquito doesn't get a slap on the back until he starts working." (Now don't any wise guys—or gals—buzz up here and yap yap that only female mosquitos bite.) Be seeing you subsequently.

Y-12er Aided Organization Of East State Training Body

Several members of the Y-12 Training Department attended the organizational meeting of the East Tennessee Chapter of the American Society of Training Directors recently in Knoxville when B. G. Catron, Training Supervisor of the Oak Ridge National Laboratory, was elected president of the new group. Other officers include Darnell Morrison, Tennessee Valley Authority, vice president; Dave Faulkner, University of Tennessee, secretary; and Frank Quinn, Rohm and Haas, Knoxville, treasurer. Members of the board of directors are W. E. Nichols, Fulton Sylphon, Knoxville; Roger Barringer, Tennessee Eastman Corporation, Kingsport; and Frank Leasman, American Enka Corporation, Lowlands, Tenn.

C. W. McCollum, of the Y-12 Training Department, played a prominent part in organizing the new chapter and was chairman of a nominating committee that selected the slate of officers elected at the first meeting of the group.

EARLY NUCLEAR POWER SEEN

Sir Christopher Hinton, British deputy controller of atomic energy production, forecasts that within 10 years Britain will be building nuclear power plants to compete with orthodox stations producing electricity, according to the New York Times.

Camera Club Members Eye Fair Photographic Exhibit

Members of the Carbide Camera Club visited the Tennessee Valley Fair on Tuesday night of this week following the regular monthly meeting of the organization. The visit was for the purpose of observing the fair's photographic exhibit and also to discuss methods of judging entries in the display. Several club members have entries in the photographic show at the fair.

The Carbide Camera Club now is setting its sights on its annual salon meeting to be held next month. In this session, the biggest of the year for the club, contests are held in both black and white prints and color slides in several different classifications. The time and place of the meeting will be announced in the near future by A. A. Palko, club president and a Carbide employee in the Y-12 Plant Area.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

Ryburn R. Tippy, Manufacturing Office, September 16.

August T. Sharp, General Machine Shop, September 18.

Will R. Kelly, Planning and Estimating, September 18.

Raymond L. Smithers, Buildings and Grounds, September 18.

William T. Galyon, Fire Prevention and Control, September 18.

Edith N. Cruze, Stores Inventory Control, September 18.

Darnell E. Ferguson, Receiving and Shipping, September 19.

Susie M. McMullen, Janitors, September 21.

Charles E. Gillihan, SF Control, September 22.

Funeral For Former Y-12 Man Held Last Saturday

Funeral services for Smiley B. Ward, 66, former Y-12er in Electrical Maintenance, were held Saturday afternoon at the Clinton, Tenn., Church of Christ. Burial was in Greenlawn Cemetery, Spartanburg, S.C., his former home, Sunday afternoon. He died early Thursday morning at the Oak Ridge Hospital following a lengthy illness.

The former employee was well known in Y-12, where he worked from July 18, 1944, to the date of his retirement on July 1, 1953. He is survived by his widow, Mrs. Bessie Ward and several cousins, nephews and nieces.

His former fellow workers and friends in Y-12 extend deepest sympathy to the family.



THESE TWO Y-12 SOFTBALL TEAMS TROUBLED A LOT OF TOURNAMENT entries during the past two weeks, both reaching the finals in their respective events. The Slo Pitch team at left, is composed of, front row from left, Sewell Brown, Tom Hillard, L. E. Sikes, Howard Horne and Manager Andy Anderson. In the rear are Clyde Smith, Bill Montgomery, A. Smith, Roy Roberts, H. E. Argo and Art Stewart. At right is the ADP

team of the Y-12 Plant League entered in the Class B Tournament. Front row, from left, are Tom Seddon, Tom Hillard, Frank Zupan, Roy Hale, Clyde Williams and Manager Carl Frazier. In the rear are Don Hensley, J. C. Bryan, L. E. Sikes, Paul Kompa, Ken Sanders, Forrest Watson, Joe Dillingham and Buford Spradling. The Slo Pitch "blooper boys" lost in their final game while ADP was slated for play Monday night.

Y-12 Slo Pitch Team Bows In City Meet To K-25 Aggregation

ADP Tops Five Outfits In Class "B" Tourney; Cook Twirls Victories

After mowing down several opponents in the Oak Ridge City Slo Pitch Tournament the Y-12 Orioles finally bowed in the finals to K-25 by 11 to 0 last week at Midtown No. 1 Field. Meanwhile the ADP clan of the Y-12 Plant League, battled their way to the finals in the Oak Ridge Class "B" Tournament, which were scheduled to be played last Monday night.

The Orioles blasted the Oak Ridge National Laboratory slo pitchers by 10 to 7 in the first encounter as Andy Anderson led his team with two clutch hits. Clyde Smith, Oriole outfielder, turned in a superb defensive game along with Art Stewart, who made several nice throws to cut runners down attempting to score.

In the title game, the Y-12ers had an off night in both hitting and fielding. The Orioles managed only one bingle off the K-25 chunker and committed three costly errors.

Manager Carl Frazier and the ADP team trimmed the K-25 A Bombers, Athletic Shop, K-25 Process Engineers and K-25 Has Beens to enter the finals against a strong Lions Club team. ADP spanked the K-25 Process Engineers in the semi-finals by 5 to 2 as Jim Cook twirled a four-hitter. The Y-12 men got a two-run lead in the second inning and never let up to win going away. Clyde Hopkins, slugging catcher for the Y-12ers, banged out two bingles, a double and single. Other ADP hitters were Herb Oliver with a double and Bill Hamil with a single.

Team R H E
ORNL 200 000 5—7 10 4
Y-12 Orioles 070 111 x—10 14 1
La Master and Spalding. Anderson and Argo.

Y-12 Orioles 000 000 0—0 1 3
K-25 203 032 x—10 10 3
Lebo and Sweeney. Anderson and Smith.

ADP 020 111 0—5 4 4
K-25 Engineers 010 001 0—2 4 4
Cook and Hopkins. Dyer and Sherrod.

Wildcat Gridders Meet East Friday

Following their season's opener against LaFollette High School last week, the Oak Ridge High School Wildcat footballers face a stiff schedule for the remainder of the season. One of their old rivals from Knoxville, East High, will be the opponent at 8 o'clock on Friday night of this week, September 17 at Blankenship Field.

Following in order on September 24 and October 1 at the same time at Blankenship Field will be Fulton of Knoxville and Flaget, of Louisville, Ky. The Wildcats journey to Columbia, Tenn., on October 8 for an important sectional contest. On the following week they travel to Nashville Litton High School, on October 15. The Red and Gray then returns home for three straight contests—against Knoxville West October 22, Lenoir City October 29 and Chattanooga City on November 5. The season will close on November 12 at Chattanooga against Baylor.

As in the past, a number of key players of the Wildcat squad are sons of Y-12 parents. The Bulletin plans to publish a picture next week of these young athletes whose parents work in Y-12.

624; Brewster 285.578; Bush 283.—321 and Vanderpool 282.895.

A new team captain, M. L. Woodard, was elected to head the Y-12 entry in the Winter League which is expected to get underway sometime in October.

C Pin League Is Organized

The Y-12 C Bowling League of plant keglers is set and ready to roll after the final organizational meeting was held last Friday at the Recreation Office, Room 207, in Bldg. 9704-2.

Comprising the loop this season will be the following teams and captains: Hot Wires, W. W. Smith; Electrons, H. Tillery; Screw Balls, H. O. Runge; Rusty Five, Clyde Bowles; Glass Arms, Dave Blessing; Deltas, George Schaeffer; Hornets, Carl Frazier; and C Shift, J. C. Bryan. The C League will roll each Wednesday night at the Central alleys beginning at 6 p.m.

The Recreation Office is still making efforts to form a Mixed League. There are four teams definitely entered in the circuit and four more are needed to make a starting quota. If anyone is interested in joining the Mixed League or entering a team of two men and two women in the group, communicate with the Recreation Office, telephone 7753.

Rides Wanted, Offered

Two Riders Wanted—From Whittle Springs section, Knoxville, to East Portal, straight day. O. W. Morris, plant telephone 7993, home telephone 6-9300, Knoxville.

Ride Wanted—From Suney Lane section, Pleasant Ridge community, Knox County, to East Portal. A. L. Sawyer, plant telephone 7615.

Want To Join Car Pool or Ride Wanted—From 136 Oak Road, Norris, to Bear Creek Portal, A Shift. W. M. Stephan, plant telephone 7-8650.

Want To Join Car Pool—From East Drive and Emerson Circle, Oak Ridge, straight day. Donald W. Hackett, plant telephone 7-8232, home telephone 5-0058, Oak Ridge.

Ride Wanted Or Will Join Car Pool—From Fountain City to Bear Creek Portal, Relief Shift. Perry Ward, plant telephone 7-8246, home telephone 6-3891.

Ride Wanted—From Henley Road, to Central Parking Lot or West Portal, straight day. Ann Fleenor, plant telephone 7263, home telephone 5-8094, Oak Ridge.

Two Riders Wanted—From Jefferson Ave., and Robertsville Road via North Purdue, to North Portal, straight day. L. R. Brooks, plant telephone 7564.

Two Riders Wanted—From Rt. 1, Powell, to East Portal, straight day. W. H. Donahue, plant telephone 7411, home telephone 4-5641, Knoxville.

THICK ORE LAYER FOUND

The Albuquerque, N. M., Journal recently reported an announcement by the Atomic Power Uranium Corp., that it had found a 16-foot-thick layer of uranium bearing ore in Mesa County, Col.

Rippers Smash Way To Second Half Title In Golf Loop; Playoff With Gophers Scheduled To Decide Season's Crown



HERE IS THE RIPPERS TEAM OF THE Y-12 PLANT GOLF LEAGUE THAT won the second half of the season title last week. From left are Paddy Peckman, Bill Bauman (who has left Y-12 since the picture was made), Jack Spears and Jay Holtzknecht. Archie Hooker, another member of the squad, was absent when picture was made.

The Rippers smashed their way to the second half championship in the Y-12 Plant Golf League last week at the Oak Ridge Golf and Country Club by winning 10 points from the Hooks. Members of the Rippers include Jay Holtzknecht, captain of the team, "Paddy" Peckman, Jack Spears and Archie Hooker. The Gophers captured second place in the loop by taking 15 points from the Grand Slammers.

A playoff between the Rippers and Gophers, first half of the season champs of the circuit, will be staged this Sunday, September 19, beginning at 10 a.m. at the Oak Ridge Golf and Country Club. The playoff will be an 18 hole match. Other action on the last scheduled day found the Rough Riders marching to a win over the Chippers by 11 to 5.

Individual honors went to Palo O'Neal, of the Gophers, who shot a remarkable 32 gross with one handicap for a net 31. These scores are a pair of the lowest ever recorded in the Y-12 Plant Golf League. That 32 was scored over the back nine holes of the course and is believed to be a club record for the last nine holes of play.

Final second half standing follows:

Team	W	L
Rippers	69	27
Gophers	64	32
Rough Riders	51	45
Chippers	44	52
Hooks	44	52
Fat Boys	38	58
Grand Slammers	30	66

Y-12 Pistoleers Lose Final Match

The Y-12 pistol team fired its last match of the summer season last week, losing both scratch and handicap totals to the league winning Oak Ridge National Laboratory pistoliers. The Y-12ers posted total scores of 1250 scratch and 1445.162 with handicap.

W. R. McIntosh led the scratch firing for Y-12 with 261; followed by J. C. Ezell 259; P. H. Williams 252; T. J. Bush 241; M. L. Woodard 237; C. G. Brewster 228; O. C. Beatty 228; R. L. Vanderpool 222; J. H. Rowan 215; and D. R. Alford 211. Handicap firing also was led by McIntosh with 290.819; followed by Woodard 289.485; Beatty 289.042; Ezell 288.192; Rowan 228.—624; Alford 285.956; Williams 285.—

Wasps Sting Stars For B League Top Spot; Ernie Cobble and R. P. Wallace Score High

The Wasps and All Stars collided head-on last week in Y-12 B Bowling League activities at the Oak Terrace alleys and when the pins stopped falling the Wasps had stung the Stars for a three-point victory to put them on top of the circuit.

Bldg. 9211 and the Tigers came from far back in the pack to threatening spots in the standings by whitewashing the Cubs and ADP respectively. The last-place Swingsters swung out of the cellar by whipping the Wolves by three points and similar victories were turned in by the Rippers over the Has Beens and the Bumpers over the Rebels.

Ernie Cobble, veteran pinster of the Bumpers, helped his club along with the top series scores of the night, 585 scratch and 636 with handicap. As a result, his team had the best scores in this bracket with 2510 and 2927. R. P. Wallace, of the Wasps, banged out a 217 scratch game for tops but countered it with a low 115 during the session. However, his handicap scratch game of 258 was tops for the night. The Rebels had the best team single games with 897 and 1054.

League standing follows:

Team	W	L
Wasps	6½	1½
All Stars	5	3
Bldg. 9211	5	3
Rippers	5	3
Tigers	4½	3½
Wolves	4	4
Bumpers	4	4
Cubs	3	5
ADP	3	5
Rebels	3	5
Swingsters	3	5
Has Beens	2	6

HIGH-PRICED CAN OPENER

The New York Herald Tribune recently reported that scientists at the Hanford, Wash., atomic energy plant used a \$1,900 can opener to open containers of radioactive materials. The device is used when special materials must be irradiated.

Y-12 SPORTS

Y-12 Women Take Second In League

The Y-12 varsity keglers climbed to one-half point of first place in the Oak Ridge Women's City Bowling League last Thursday night at the Oak Terrace by handing the Oak Ridge National Laboratory girls a three point to one defeat. After dropping the first game by 693 to 637, the Y-12ers rallied to cop the second and third by 725-700 and 736-671 for a total pinnage of 2095 to 2064 for the Lab lassies. As a result of the triumph, the Y-12ers have a mark of 6½ points won to 1½ lost. Tied for first place in the circuit are EAT and the Stinkers, both with 7-1 records.

Mavis Koons and Juanita Reed had a merry battle for top scorer on the Y-12 team. The former had 156, 161, 153—470 for a one-pin margin over Miss Reed's 137, 175, 157—469. Other Y-12 scores were Betty Whitehorn 134, 119, 161—414; Dot Park 106, 148, 143—397; and Ruby O'Kain 104, 122, 122—348.

Remember—Only you can PREVENT FOREST FIRES!

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Permit No. 3**Skate Dancing Title
Eyed By Y-12er's Son**Continued from Page 1
silver bar award.**Next Hurdle In October**

Their next big test will be in competition for the silver medal, which will be held in a regional competition to be held in Knoxville some time in April, 1955. Then will come more training and constant practice with winning of the three highest prizes—climaxed by a gold medal for the highest proficiency, as the immediate goal.

These awards will be made in state, regional and national events—in which the contestants face the highest type of competition.

The contestants in these events are judged closely by professional judges with precision, rhythm, grace and timing of every move being important. The individuals or couples are given prescribed dance movements to perform to a certain musical timing with steps including fox trot, tango, various forms of waltzes, "Southland Swings," collegiate step, Scottische and polkas. The course text book defines the various steps.

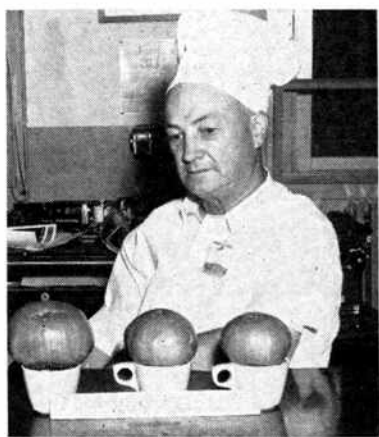
The rapid progress made by the Knoxville youngsters is shown by the fact that in a recent regional competition at Ft. Lauderdale, they were placed 18th in the entire South against the leading roller skate artists in Dixie.

To keep in condition and training for their coming events, the youngsters have to practice continually. The Greer youth practices from two to 12 hours daily, his dad says, and Miss Watkins also spends many hours a day on skates. Most of this practice is done together, naturally, with the couples rehearsing their routines as laid out in the text book.

Back in 1949, The Y-12 Bulletin first carried a story on the skating Greers. That story also told of the elder Greer's activities on wheels—he has been a devotee of the sports for 35 years now—and has performed practically every trick skating move known to the trade. The Greers also have a skating daughter, Beverly, now 16, who also has won many honors. She specialized in speed skating and only a short time ago placed first in a speed event in Chattanooga. Jack Greer also took part in speed events earlier in his career, but has dropped that type of skating to concentrate on the dancing angle.

**AEC Man Says Atom Power
Won't Oust Present Plants**

Morse Salisbury, director of information for the Atomic Energy Commission, in a recent talk at an education workshop at the University of Mississippi predicted that nuclear energy will replace other fuels in producing electric power, but did not believe that conversion of atomic fuel will make present electric power plants obsolete. Salisbury also declared that he did not believe nuclear research will produce any immediate economic usets. His address was reported by the Memphis Commercial Appeal.

**JESS DURRETT, Y-12 CAFETERIA**

chef who can prepare bologna as many ways as it can be spelled, is quite a gardener at his home over on Ball Camp Road. He visited The Bulletin sanctum last week with these three huge tomatoes—and of course a picture had to be made of them pronto, even with the editor's deadline-time, cluttered up desk as background. The three big samples shown weighed three and one-half pounds and their size can be judged by the coffee cups on which they are placed and also by the 12-inch ruler in the foreground.

**Art Center To Offer
Instruction Courses**

Y-12ers and members of their families interested in instruction in art will find three courses to be offered at the Oak Ridge Community Art Center, according to Blanche Gibbs, of the Y-12 Medical Department; and Beatrice Cameron, of the SF Control Department, both members of the center. Two of the courses to be offered are for adults and one for children.

University Men Are Instructors

A class in painting for both beginning and advanced students will be taught by C. Kermit Ewing, of the University of Tennessee Art Department. This class will open September 21 and will meet for 12 weeks on Tuesday nights from 7:30 p.m. to 10 p.m. Registration for this course may be made with Mrs. W. C. Peterson, Oak Ridge telephone 2-1440.

Robert Schlageter, also of the University of Tennessee Art Department, will conduct a class in art history at 8 o'clock on Thursday nights, beginning September 23. Registration for this course may be made with Miss Gibbs, Oak Ridge telephone 5-7329; or Mrs. Jane Furney, Oak Ridge telephone 5-8706.

A children's class, limited to 12 pupils in the 8-12 year age bracket, will be instructed by Mrs. Barbara Doughty, an Oak Ridge artist. It will meet for six weeks from 9:30 a.m. to 11:30 a.m. on Saturday mornings. Mrs. Charles Steele, Oak Ridge telephone 5-3855, is in charge of registration.

Membership in the Art Center is required for registration in any course. Information may be obtained from persons accepting class registrations or from Mrs. Betty Graham, membership chairman, Oak Ridge telephone 5-2427.

He who laughs last seldom gets the point anyway.

**Precaution Against Home Fires Is Urged Of Every Y-12 Family
Not Only During Fire Prevention Week But Every Day Of Year**

Today fire will strike 800 American homes. Hundreds will be badly damaged, many totally destroyed. An untold number of persons will die, suffer painful burns or be maimed for life.

Some Y-12 family could be one of the victims of one of these home fires.

It is with the idea of eliminating hazards that are responsible for these costly home fires that Fire Prevention Week is observed. This year the observance is October 3-9, inclusive—but fire prevention steps should be taken in the homes of Y-12ers and every American every day in the year.

Statistics of the National Board of Fire Underwriters show that in the five-year period 1948 through 1952 an average of 284,000 homes were struck by fire every year, and that the resulting property loss from all the more than 1,000,000 home fires in the United States in that same period increased more than 14 per cent, from \$715,074,000 in 1948 to \$815,134,000 in 1952. In 1953 fire losses amounted to \$864,863,000. The number of dwelling fires in 1953 totalled 294,737.

Deaths Average 11,000 Annually

The death toll for that five-year period is estimated at 55,000—an average of 11,000 a year!

Most fires in the home are caused by such thoughtless acts as tossing away a lighted match, cigarette or cigar, allowing rubbish to accumulate, overloading electric wiring, leaving children at home alone.

The combination matches-smoking and misuse of electricity account for close to 50 per cent of

Here are the correct answers:

1. Matches left near children. 2. "Junk" in cellar, attic, or closets. 3. Fried electric cords. 4. Ordinary extension cords used on heaters, stoves, or cooking units. 5. Overloaded electric outlets. 6. Smoking in bed. 7. Sparking chimney. 8. Carelessness with cigarettes or matches. 9. Flammable cleaning fluids.

all fires of known origin. Their real and potential danger cannot be emphasized often enough.

In the home, for instance, the smoldering cigarette that is dumped into an open trash-can, or that drops between a chair's upholstery, or onto the bed while a smoker dozes, can easily set the fire that will destroy a home, possibly take a life.

Watch Cigarettes and Matches

Therefore, take these simple precautions:

1. Keep ash trays handy and use them.
2. Never toss a lighted match away. After using one, hold it a second, then put it in an ash tray. Don't toss it into a wastebasket. Matches that seem out sometimes aren't.
3. When emptying ash trays, be sure all cigarettes or cigars are out.
4. Never strike matches or carry lighted matches or candles in closets, attics, or other confined places where clothing or combustible materials are kept.

Electrical Hazards Cited

The National Board also points out that one in eight fires of known causes is of electrical origin.

Circuits are designed to carry certain loads and the blowing of a fuse is a danger signal.

The use of a fuse of larger amperage than that for which the circuit was designed destroys this protective feature. An overload of current may heat the wire red hot and start a fire.

Be sure fuses are of the right amperage for the circuits—15 amperes usually. A proper fuse is a "safety valve"—don't tamper with it.

Observe these precautions:**Guard Against Bad Wiring**

1. Employ a competent electrician

to repair or extend wiring when this is necessary.

2. Don't string wires under rugs, over hooks, or in any exposed place where they may be subject to wear or mechanical damage. Wear or damage may make them dangerous.

3. New appliances, such as air conditioners, draw heavy current. Consult an electrician—new wiring may be needed.

In Case of Fire—

If and when fire strikes, do immediately these two things:

1. Get everybody out of the house.
2. Call the fire department.

If the public fire department can come quickly, don't attempt to put the fire out. Concentrate on getting the fire engines there in a hurry—because little fires become big fires within a matter of minutes.

Close doors on leaving the house—making certain that everyone is safe.

Many Know What To Do

Many persons, apparently trapped by flames, have managed to save their lives because they understood what to do and what not to do in case of fire.

Here's what should be done:

1. Be prepared. Recognizing the possibility that fire may strike, decide now how to save your life were you tonight to awake and smell smoke.
2. Figure out two possible routes to the ground from any upstairs bedroom. It is unlikely that both escape routes would be cut off by flames during the early stage of the fire.

If smoke is detected do not rush out immediately into the hallway. First make this little test: Place palm of the hand against the door. If the door feels hot, that hallway is already filled with deadly heated gases. Either escape through the window or wait at the window for rescue. Arouse people by shouting.

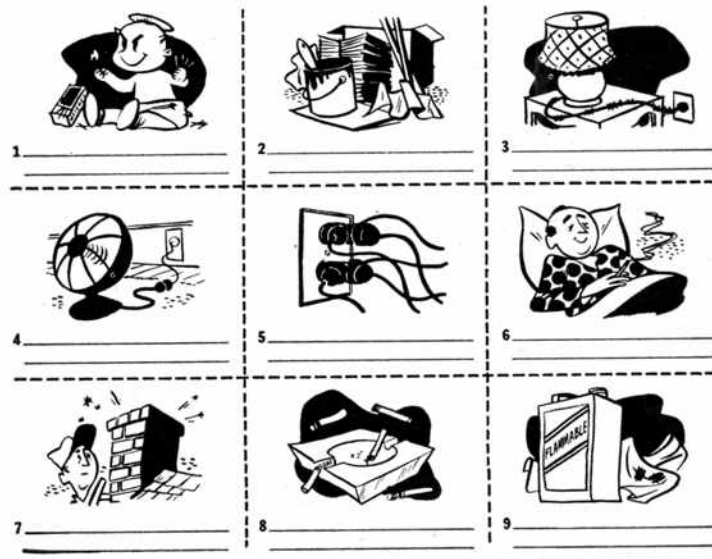
If the door does not feel hot, open it slightly. Put hand across opening to determine temperature of air. If the hallway appears safe, use the planned exit.

SHIPS DECONTAMINATED

According to the Washington Star, the naval commander at Pearl Harbor has reported all ships contaminated during the hydrogen bomb tests this year in the Pacific now may be manned without fear of harm to personnel.

**Could You Answer This Quiz
If Your Life Depended On It?**

Pictured below are the 9 places where most home fires start. Look at the pictures and see if you can tell why the fires got their start. If you wish, write your answer under each picture

**New Linde Plant
Opens In California**

With the installation of the last equipment, full-scale commercial production of liquid oxygen began last month at the new plant of Linde Air Products Company, a Division of Union Carbide and Carbon Corporation, at Fontana, Cal., according to H. H. Wagman, Superintendent. Initial operation began October 3, 1953.

The plant represents a new design incorporating latest advances in oxygen-producing techniques.

The oxygen produced at the Fontana plant will be used principally by metal fabricating plants in the Fontana and Los Angeles areas. When operating at full capacity the plant will produce in excess of 50,000,000 cubic feet of oxygen per month, together with other atmospheric gases.

Oxygen is used for a great variety of industrial operations, the most important of which is the oxy-acetylene process for cutting, welding, and flame-treating of metals. It produces the oxy-acetylene flame which has a temperature of about 6,000 deg. Fahrenheit. The oxy-acetylene processes are widely used in steel manufacture and fabrication, railroad manufacture and maintenance work, aircraft manufacture, ship building and almost every industry in which metalworking operations are involved.

Since Linde oxygen U.S.P. meets all medical requirements for purity, the oxygen produced by the Fontana plant will also be used for the treatment of diseases and ailments in which lack of oxygen is a contributing factor. Linde also produces breathing oxygen which is used by aviators.

FEDERAL SPENDING JUMPS

In 1913, the federal government spent about \$700 million a year, just one third as much as state and local governments. In fiscal 1953, federal spending totalled \$74.6 billion, almost two and one half times the cost of state and local governments.

ELEMENT 100 PRODUCED

Swedish scientists have produced isotope of Element 100 by bombarding uranium with charged oxygen particles in a cyclotron, Science Service reports in the Washington Daily News.